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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/945,125 Confirmation No.: 2058  
Applicant : MARK S. FRATER  
Title: LAMINATED ENTRY AND EXIT MATERIAL FOR DRILLING  
PRINTED CIRCUIT BOARDS  
Filed : AUGUST 30, 2001  
TC/A.U. : 1712  
Examiner : MICHAEL J. FEELY  
Docket No. : RES2000.14A  
Cust No. : 8156

OFFICIAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22213-1450

## AMENDMENT

Dear Sir:

In response to the Office Action mailed July 18, 2003, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

**O'BANION & RITCHEY LLP**  
INTELLECTUAL PROPERTY ATTORNEYS

Wells Fargo Center  
400 Capitol Mall, Suite 1550  
Sacramento, California 95814  
Tel. (916) 498-1010  
Fax (916) 498-1074

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**TELECOPIER TRANSMITTAL SHEET**

**TELECOPY TO:** COMMISSIONER FOR PATENTS

**FAX NUMBER:** (703) 872-9310

**FROM:** JOHN P. O'BANION

**RE:** 09/ 945, 125  
RES2000.14A

**CERTIFICATE OF FACSIMILE TRANSMISSION (37 CFR 1.8)**

I hereby certify that the enclosed:

1. AMENDMENT TRANSMITTAL (1 PAGE)
2. AMENDMENT (7 PAGES)
3. PETITION FOR EXTENTION OF TIME (1 PAGE)

are being facsimile transmitted to the United States Patent and Trademark Office (Fax No. 703-872-9310) on  
19 January 2004.

JOHN P. O'BANION  
(Type or print name of person signing certificate)

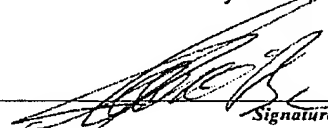
(Signature)

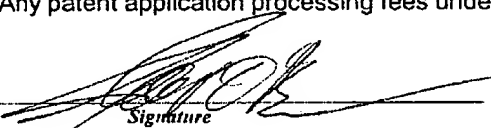
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**NUMBER OF PAGES SENT (INCLUDING COVER SHEET):** 10

**IF THERE ARE ANY PROBLEMS OR QUESTIONS, PLEASE CONTACT US AT (916) 498-1010. OUR FAX NO. IS (916) 498-1074.**

<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b> (Small Entity)			Docket No. RES2000.14A
In Re Application Of: MARK S. FRATER			
Serial No. 09/945,125	Filing Date AUG 30, 2001	Examiner MICHAEL J. FEELY	Group Art Unit 1712
Invention: LAMINATED ENTRY AND EXIT MATERIAL FOR DRILLING PRINTED CIRCUIT BOARDS			
<u>TO THE COMMISSIONER FOR PATENTS:</u>  This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of <u>JULY 18, 2003</u> in the above-identified application. <div style="text-align: center; font-size: small;">Date</div> The requested extension is as follows (check time period desired): <div style="display: flex; justify-content: space-around; align-items: flex-start;"><div><input type="checkbox"/> One month</div><div><input type="checkbox"/> Two months</div><div><input checked="" type="checkbox"/> Three months</div><div><input type="checkbox"/> Four months</div><div><input type="checkbox"/> Five months</div></div> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 5px;"><div>from: <u>OCTOBER 18, 2003</u> <div style="text-align: center; font-size: x-small;">Date</div></div><div>until: <u>JANUARY 20, 2004</u> <div style="text-align: center; font-size: x-small;">Date</div></div> A verified statement of small entity status as a small entity under 37 CFR 1.27: <div style="margin-left: 20px;"><input type="checkbox"/> is enclosed. <input checked="" type="checkbox"/> has already been filed in this application.</div> The fee for the extension of time is \$475 and is to be paid as follows: <div style="margin-left: 20px;"><input type="checkbox"/> A check in the amount of the fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 07-1137 <input type="checkbox"/> If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 07-1137</div> <div style="display: flex; justify-content: space-between; align-items: flex-end;"><div style="text-align: center;"> <div style="text-align: left; font-size: x-small;">Signature</div></div><div>Dated: JANUARY 19, 2004</div></div> <div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p>John P. O'Banion Reg. No. 33,201 O'BANION &amp; RITCHEY LLP 400 Capitol Mall, Suite 1550 Sacramento, CA 95814 Ph: (916) 498-1010 Fax: (916) 498-1074</p><p>CC:</p></div><div style="width: 50%; border: 1px solid black; padding: 5px;"><div style="font-size: x-small; margin-bottom: 10px;">I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</div><div style="border-top: 1px solid black; height: 20px; margin-bottom: 5px;"></div><div style="text-align: center; font-size: x-small;">Signature of Person Mailing Correspondence</div><div style="border-top: 1px solid black; height: 20px;"></div><div style="text-align: center; font-size: x-small;">Typed or Printed Name of Person Mailing Correspondence</div></div></div></div>			

<b>AMENDMENT TRANSMITTAL LETTER (Small Entity)</b>				Docket No. <b>RES2000.14A</b>	
Applicant(s): <b>MARK S. FRATER</b>					
Serial No. <b>09/945,125</b>	Filing Date <b>AUG 30, 2001</b>	Examiner <b>MICHAEL J. FEELY</b>		Group Art Unit <b>1712</b>	
Invention: <b>LAMINATED ENTRY AND EXIT MATERIAL FOR DRILLING PRINTED CIRCUIT BOARDS</b>					
<u>TO THE COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application.					
<input checked="" type="checkbox"/> Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted.					
<input type="checkbox"/> A verified statement to establish Small Entity status under 37 FR 1.27 is enclosed.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	13 -	41 =	0 x	\$9.00	\$0.00
INDEP. CLAIMS	2 -	6 =	0 x	\$43.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>
 <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. _____ <input type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 Signature			Dated: <b>January 19, 2004</b>		
<b>John P. O'Banion, Reg. No. 33,201</b> <b>O'BANION &amp; RITCHEY LLP</b> <b>400 Capitol Mall, Suite 1550</b> <b>Sacramento, CA 95814</b> <b>Ph: (916) 498-1010</b> <b>Fax: (916) 498-1074</b>			<div style="border-bottom: 1px solid black; margin-bottom: 5px;">I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Signature of Person Mailing Correspondence</div> <div style="border-bottom: 1px solid black;">Typed or Printed Name of Person Mailing Correspondence</div>		
CC:					

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